

Accessory for a measuring or metering device, in particular electrochemical measurement probe

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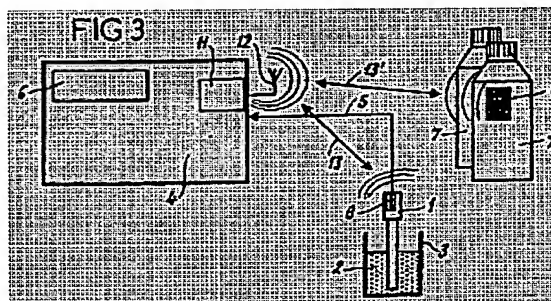
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Cited documents:

WO9729847
FR2277332
EP0692308
EP0571225
DE19703854
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Chemical or electrochemical measuring or dosing equipment comprises an electronic label (8) with a calibration parameter storage memory interrogated by radio. Chemical or electrochemical measuring or dosing equipment comprises an electronic label (8) with characteristic calibration parameters stored in a memory which can be interrogated by radio communication (13, 13') with a measurement transducer (4) or other monitor including a transmitter (11). Independent claims are also included for the following: (i) an electrochemical measuring sensor (1) comprising the above equipment, the electronic label memory containing, in addition to the calibration parameters, other information selected from production parameters, testing parameters and calibration history of the sensor; and (ii) an electrochemical measuring system comprising the above electrochemical measuring sensor, one or more calibration solution (7) and a measurement transducer (4) with a transmitter (11) in radio communication (13, 13') with the electronic labels (8, 8') of the sensor and the or each calibration solution (7). Preferred Features: The equipment comprises an electrochemical measuring sensor with an integrated or attached electronic label (8) having a memory which stores the sensor calibration parameters. Alternatively, the equipment comprises a calibration solution (7) contained in a vessel with an integrated or attached electronic label (8') having a memory which stores calibration solution information such as production parameters, traceability data, testing parameters and history of use. The electrochemical measuring system also included electronic labels associated with samples (2,3) to be analyzed and/or with operators, these electronic labels also being in radio communication with the measurement transducer (4). The equipment may even be a dosing syringe with an integrated or attached electronic



label having a memory which stores the syringe calibration parameters taking into account the syringe profile.

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